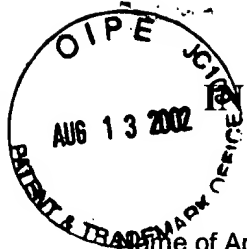


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

POWER OF ATTORNEY

Docket No.  
13220.011001; P5846

Name of Applicant: SUN MICROSYSTEMS, INC.  
Address of Applicant: 4150 Network Circle  
Santa Clara, CA 95054

Title: FRACTIONAL REPLICATION IN A DIRECTORY SERVER

Serial No., if Any: 09/849,826

Filed: May 4, 2001

TO THE ASSISTANT COMMISSIONER FOR PATENTS

The Assistant Commissioner for Patents  
Washington, D.C. 20231

Honorable Sir:

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AUG 19 2002

Technology Center 2100

I hereby appoint:

Jonathan P. Osha, Reg. No. 33,986; Alan D. Rosenthal, Reg. No. 27,833; Thomas K. Scherer, Reg. No. 45,079; Y. Renee Alsandor, Reg. No. 45,883; Jeffrey S. Bergman, Reg. No. 45,925; Robert P. Lord, Reg. No. 46,479; T. Chyau Liang, Reg. No. 48,885; Wasif H. Qureshi, Reg. No. 51,048; James L. Kurka, Reg. No. 47,726; and Tim Dorney, Reg. No. P51-623 of ROSENTHAL & OSHA L.L.P.; and

Kenneth Olsen, Reg. No. 26,493; Timothy J. Crean, Reg. No. 37,116; Marc D. Foodman, Reg. No. 34,110; Alexander E. Silverman, Reg. No. 37,940; Anirma Rakshpal Gupta, Reg. No. 38,275; Sean P. Lewis, Reg. No. 42,798; Michael J. Schallop, Reg. No. 44,319; Bernice B. Chen, Reg. No. 42,403; Noreen A. Krall, Reg. No. 39,734; Monica D. Ward, Reg. No. 40,696; Elaine K. Lee, Reg. No. 41,936; Paul D. Sorkin, Reg. No. 39,039; Marilyn E. Glaubenskleee, Reg. No. 35,521; Andrew C. Chen, Reg. No. 43,544; Pavel Pogodin, Reg. No. 48,205; and Jeffrey L. Myers, Reg. No. 44,252, of SUN MICROSYSTEMS, INC.

as principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to:

Jonathan P. Osha  
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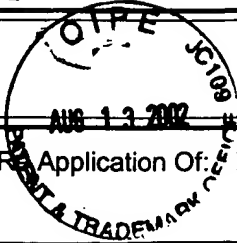
By:

Kenneth Olsen, Reg. No. 26,493  
Vice President Intellectual Property  
Sun Microsystems, Inc.  
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Santa Clara, CA 95054

Dated: August 1, 2002

2152

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**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
13220.011001; P5846

In Re Application Of: Mark C. SMITH, et al.

23

Serial No.  
09/849,826

Filing Date  
05/04/2001

Examiner

Group Art Unit  
2152

Title: **FRACTIONAL REPLICATION IN A DIRECTORY SERVER**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **50-0591** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

Dated: 8/8/02

Signature

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I certify that this document and fee is being deposited on August 8, 2002, with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Brenda C. McFadden*

Signature of Person Mailing Correspondence

**Brenda C. McFadden**

Typed or Printed Name of Person Mailing Correspondence

CC: